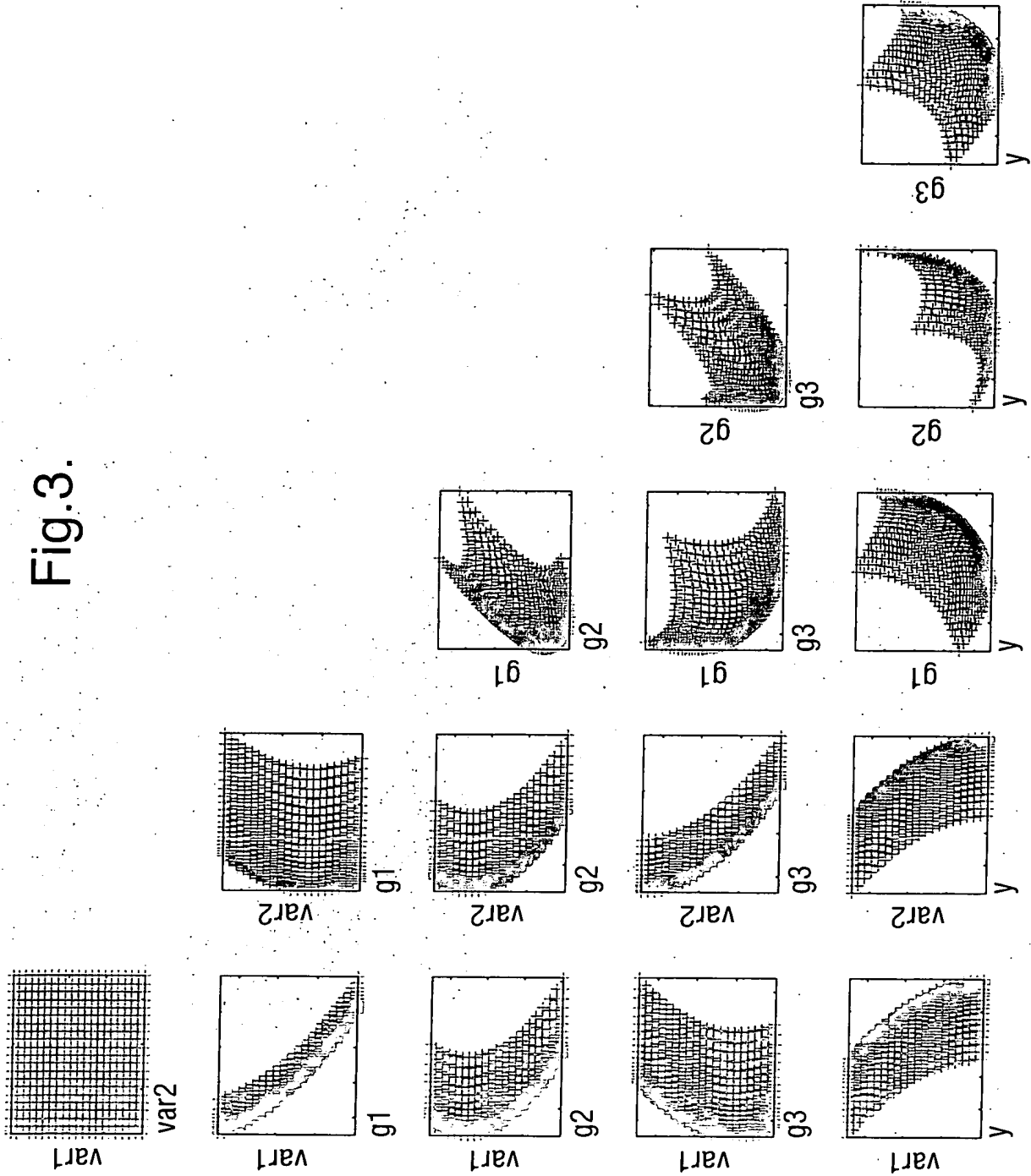


Fig.3.



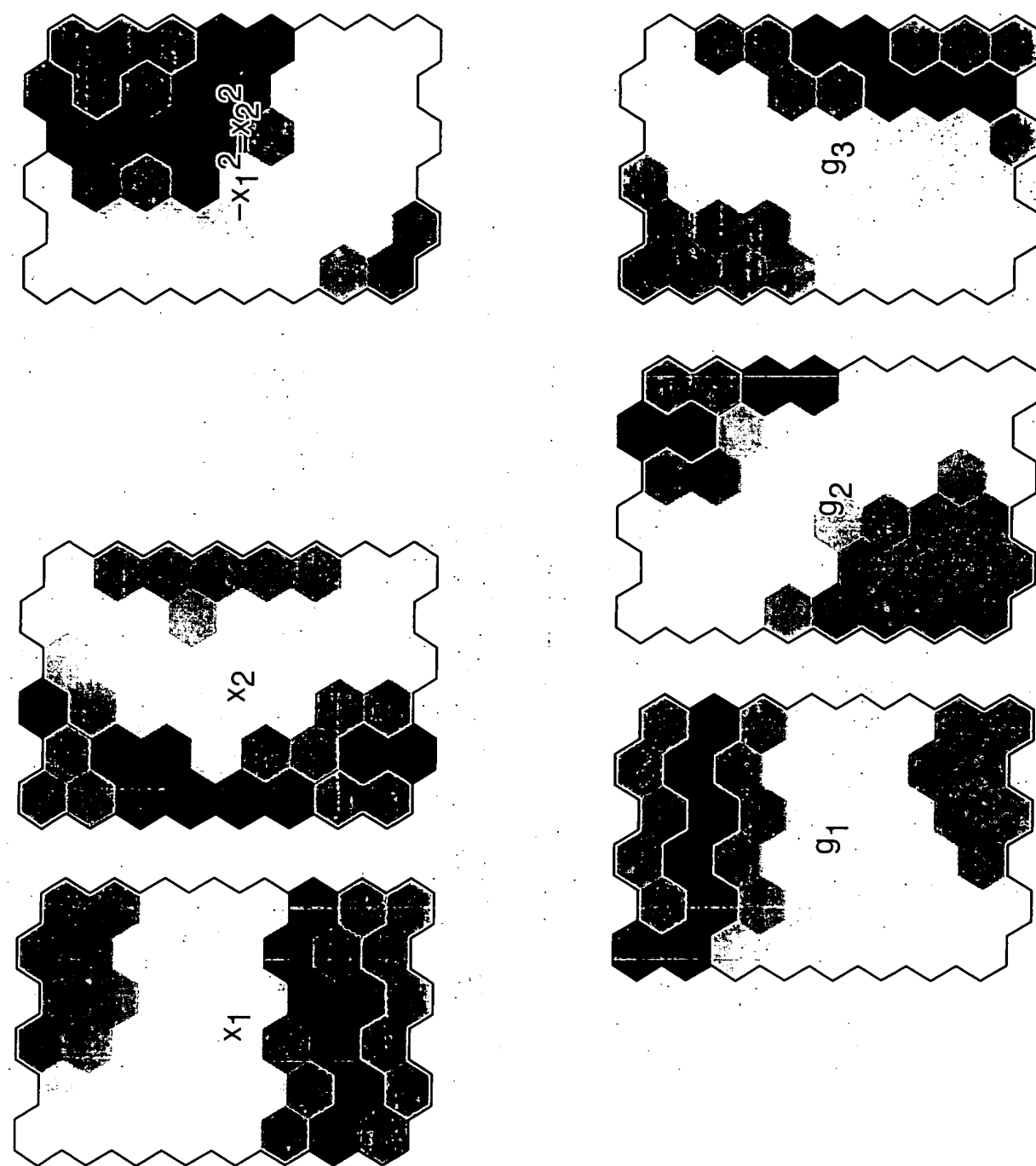
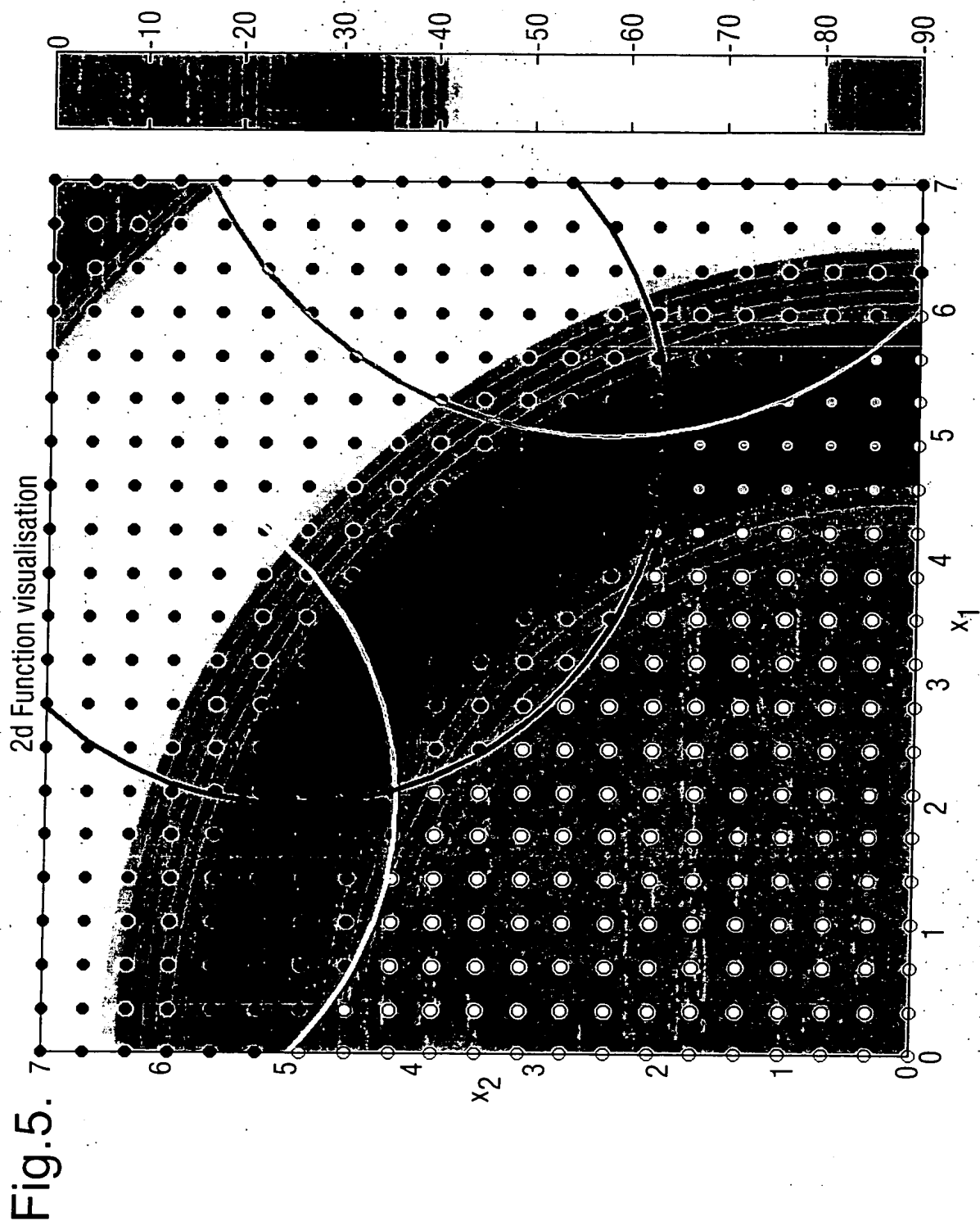


Fig.4.



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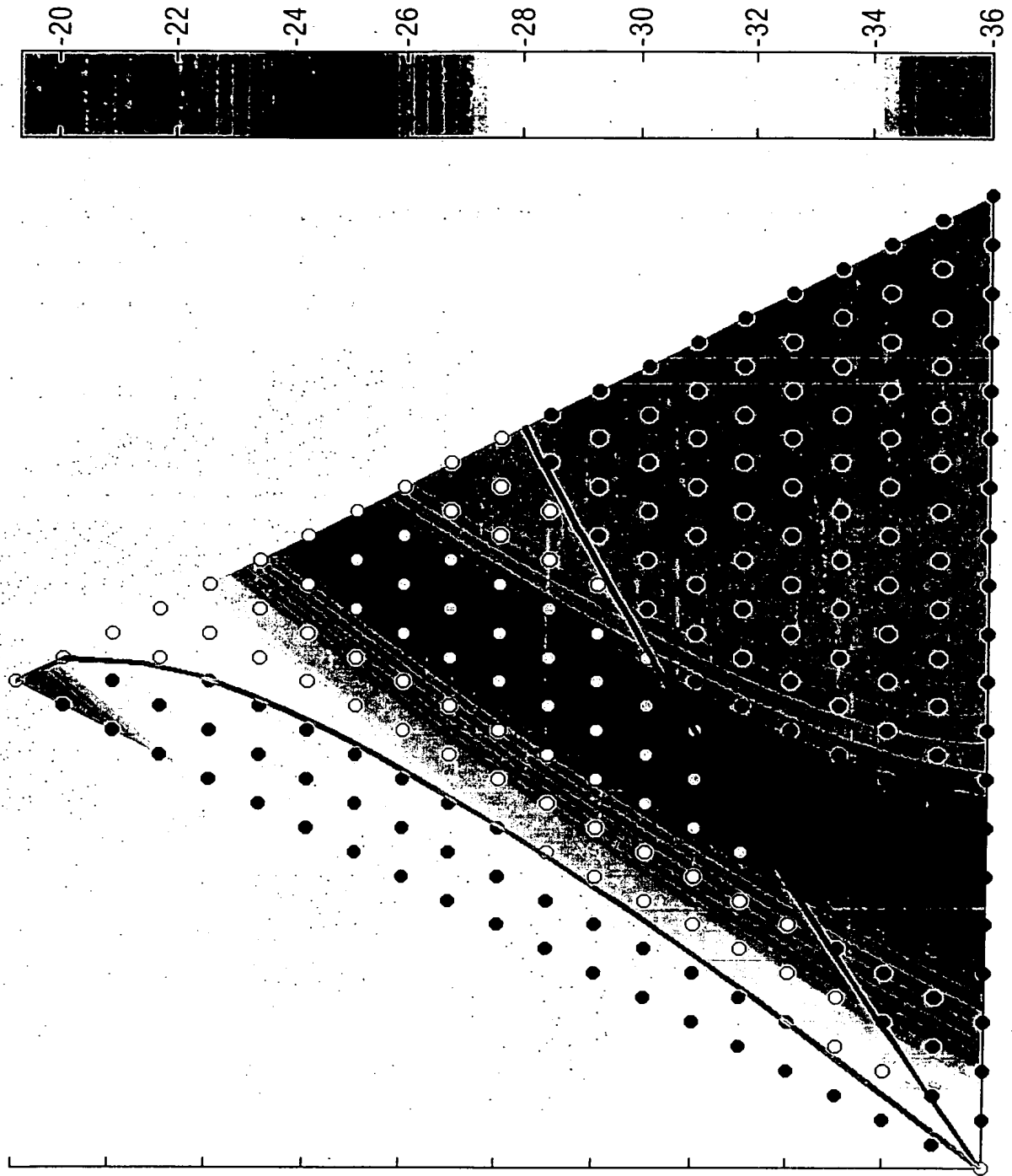


Fig.6.

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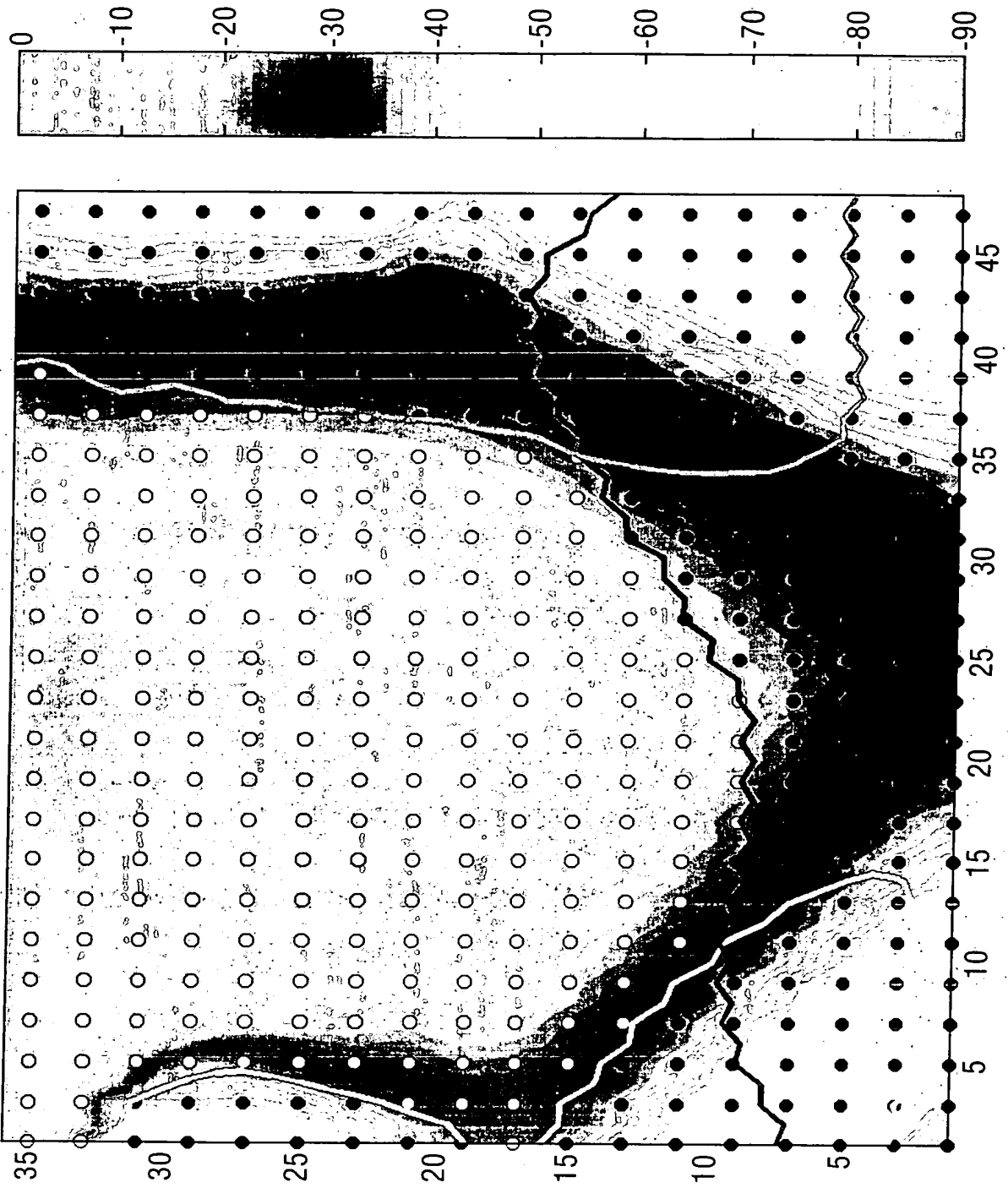
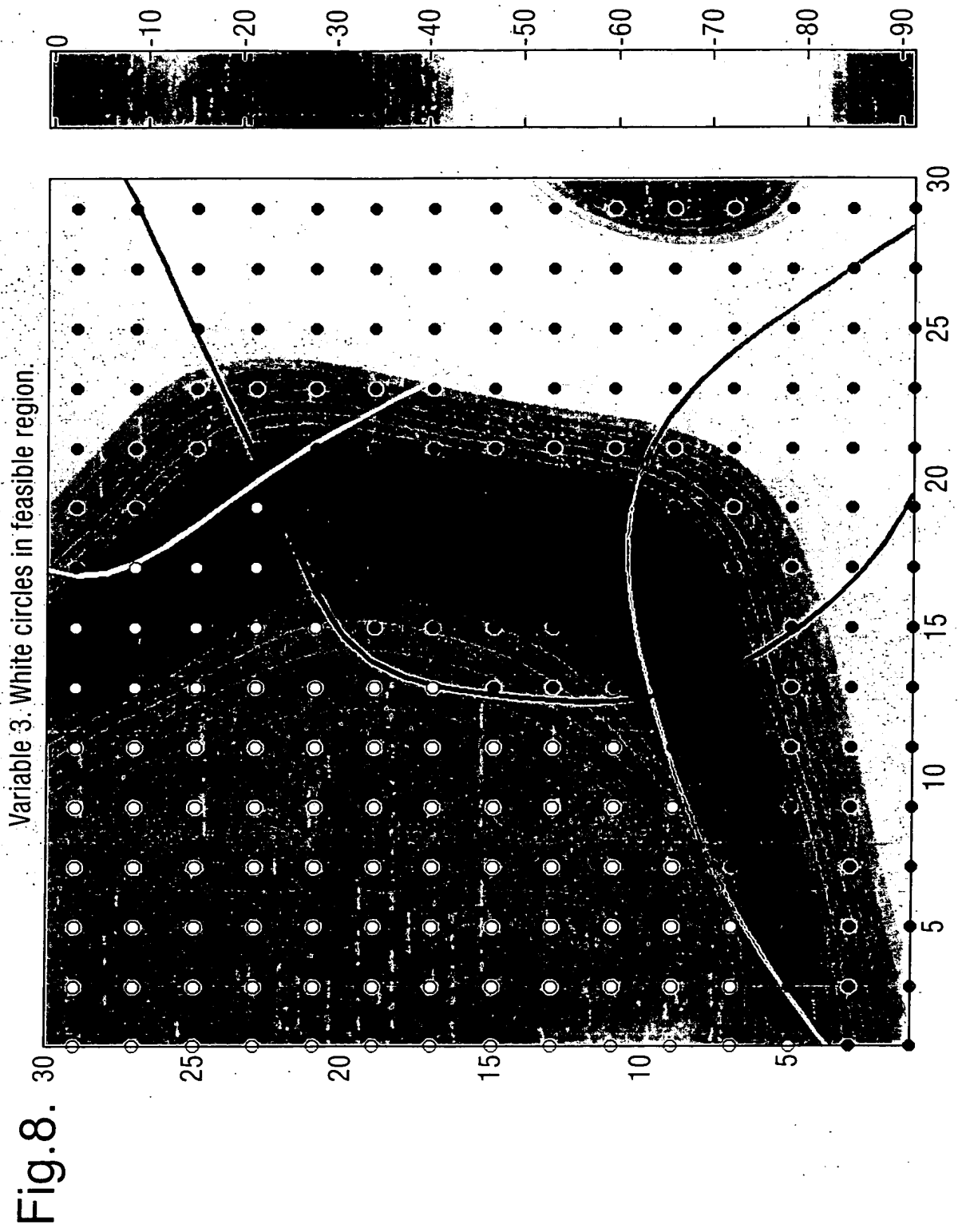


Fig.7.

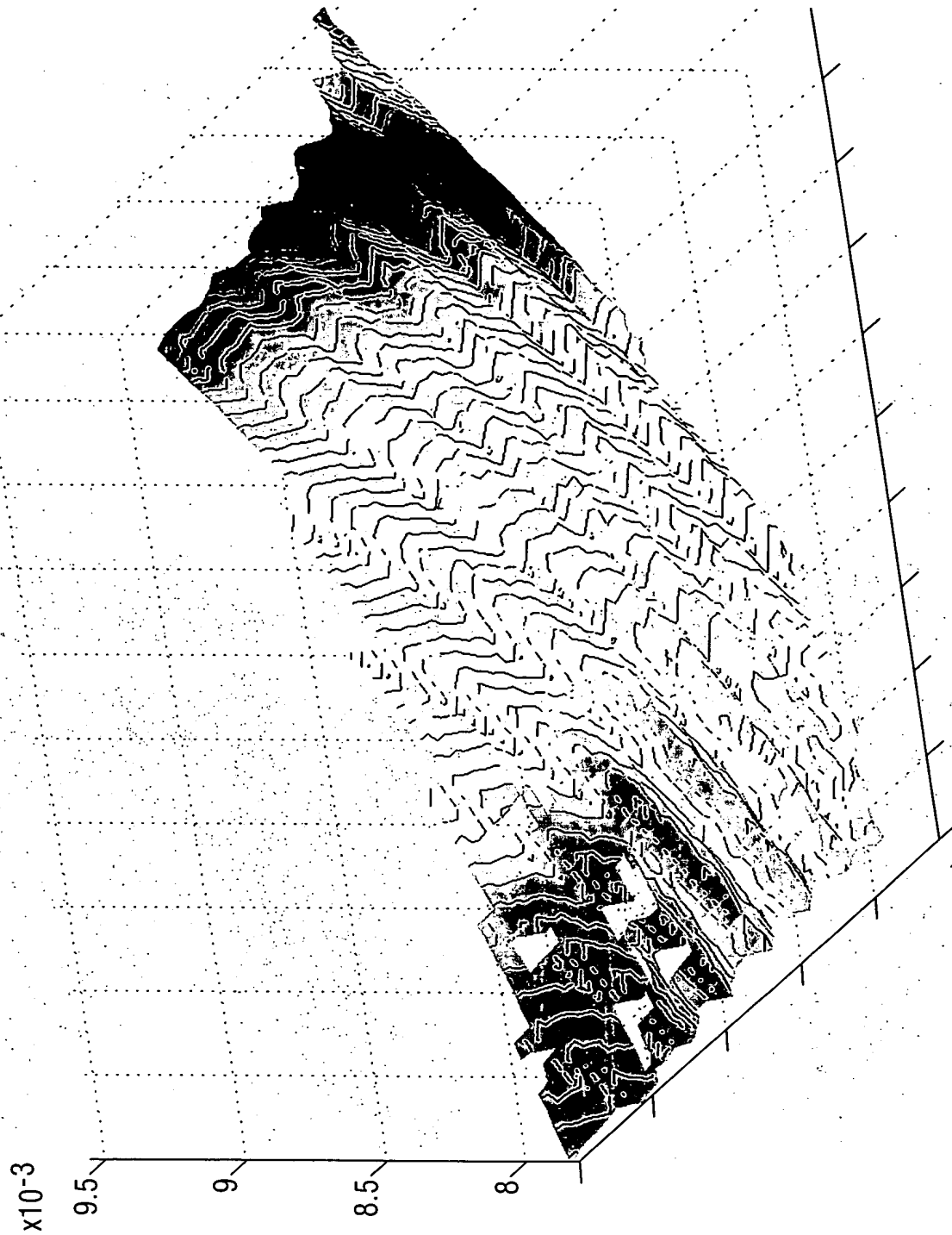
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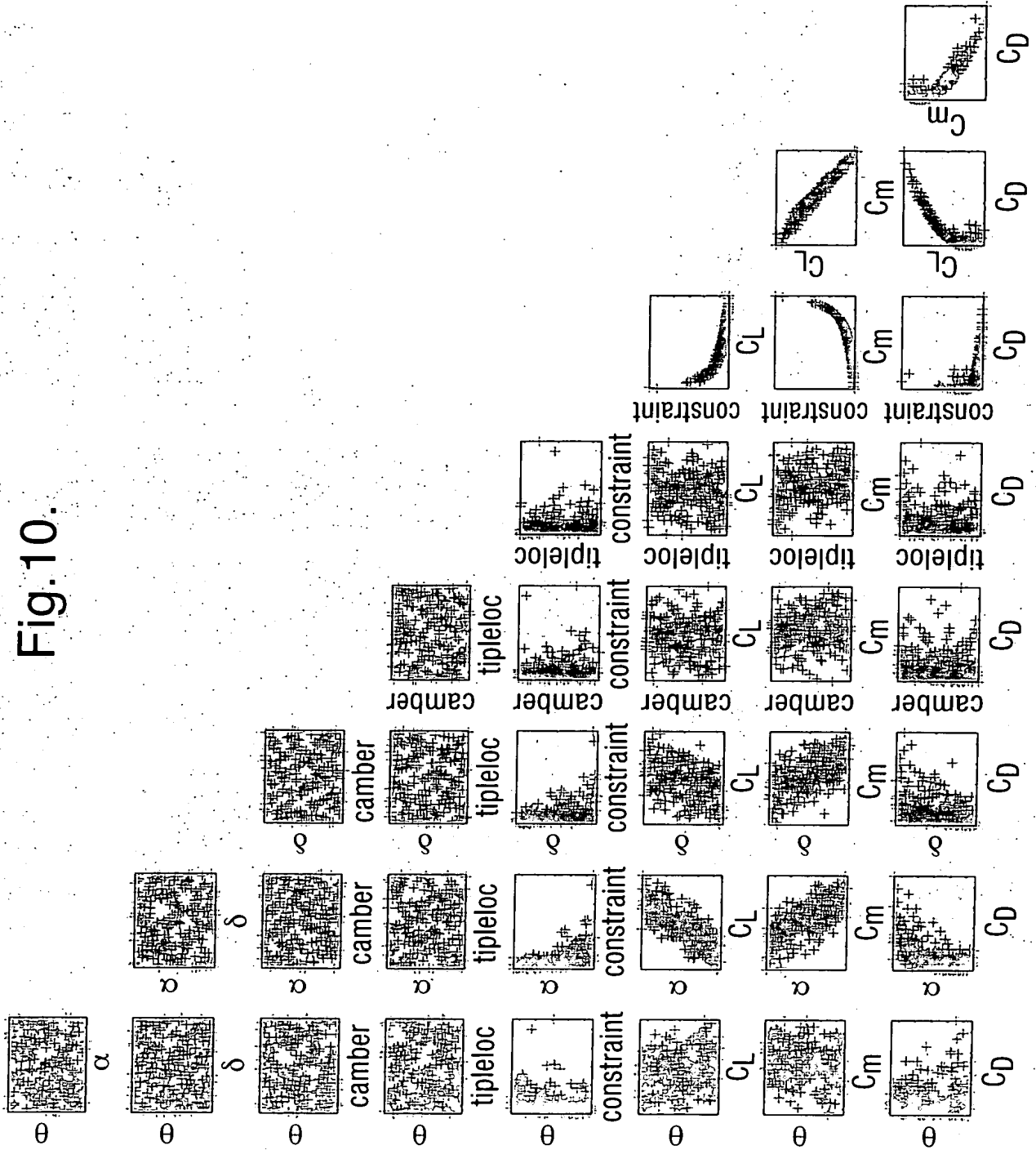
50 x 50 array of values of C_D at $C_L=0.71$ and $M=0.74$

Fig.9.



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Fig.10.



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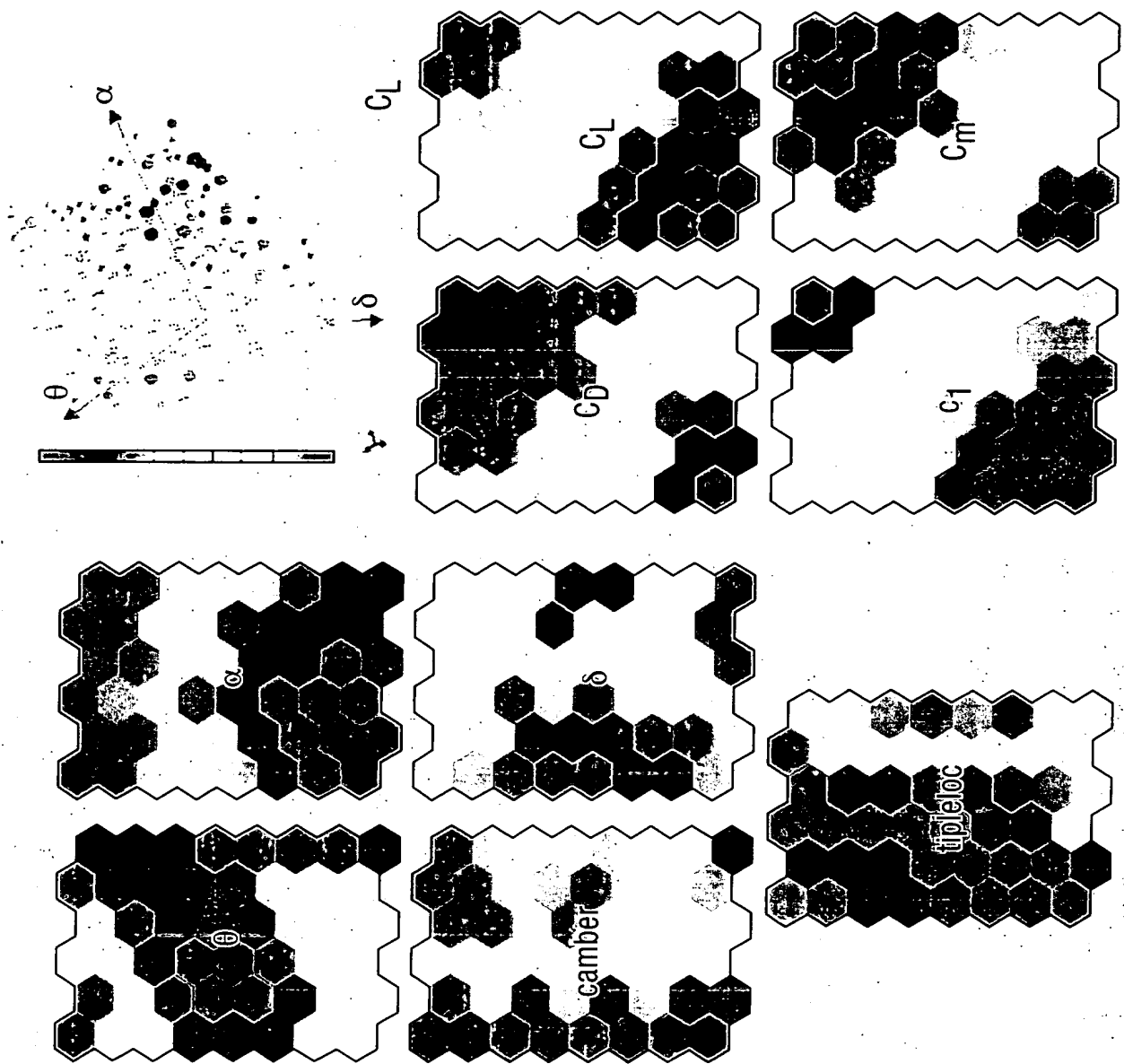
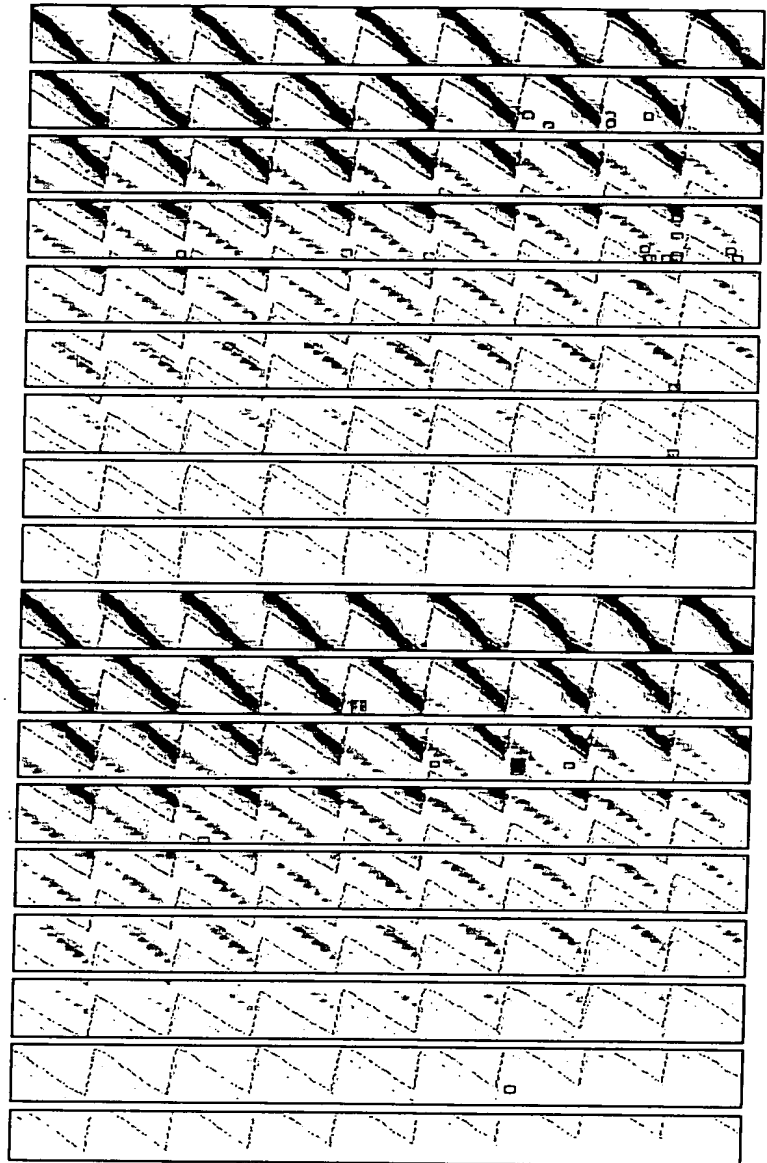
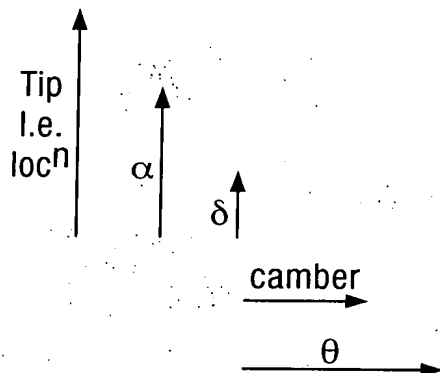


Fig. 11.

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Fig.12.



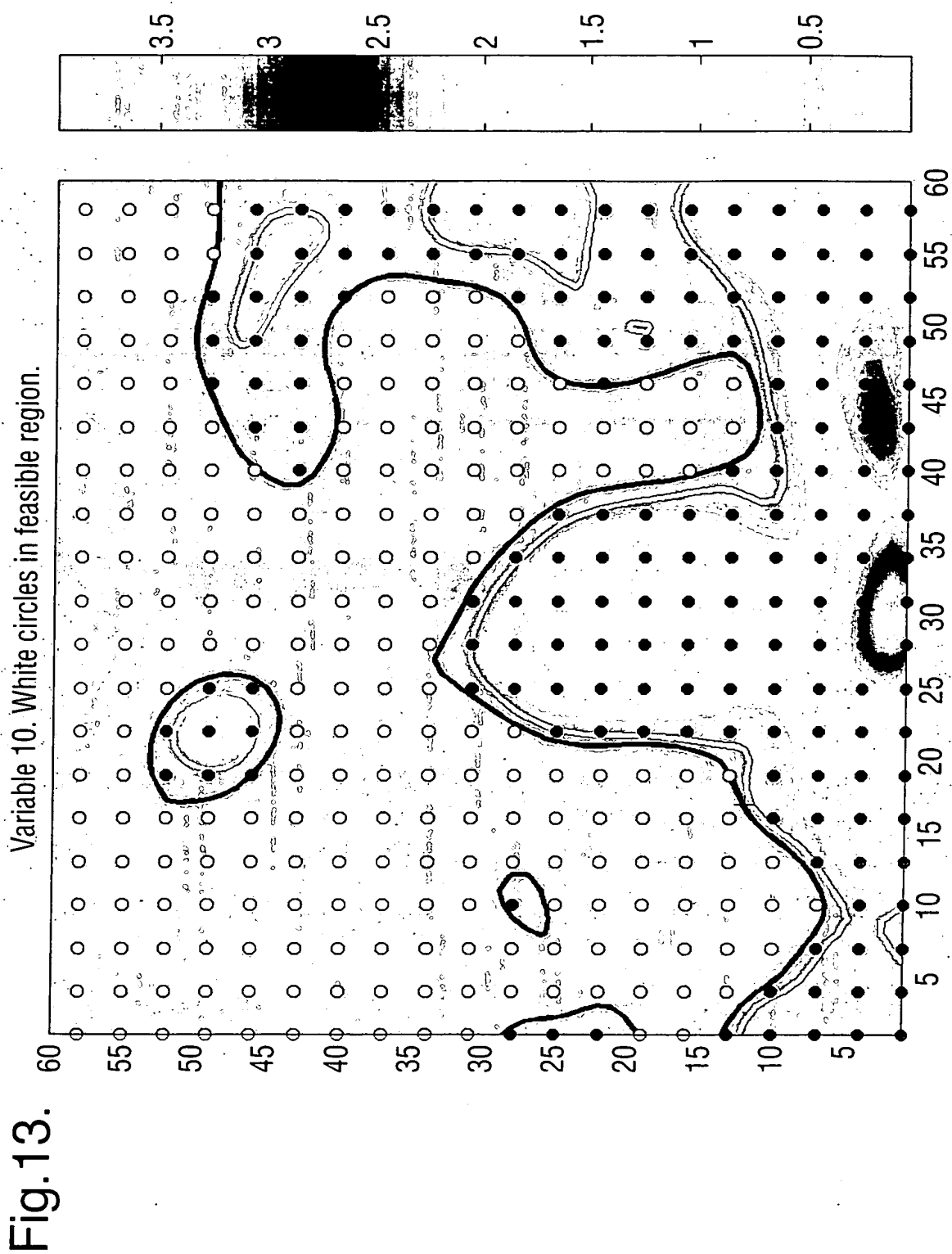
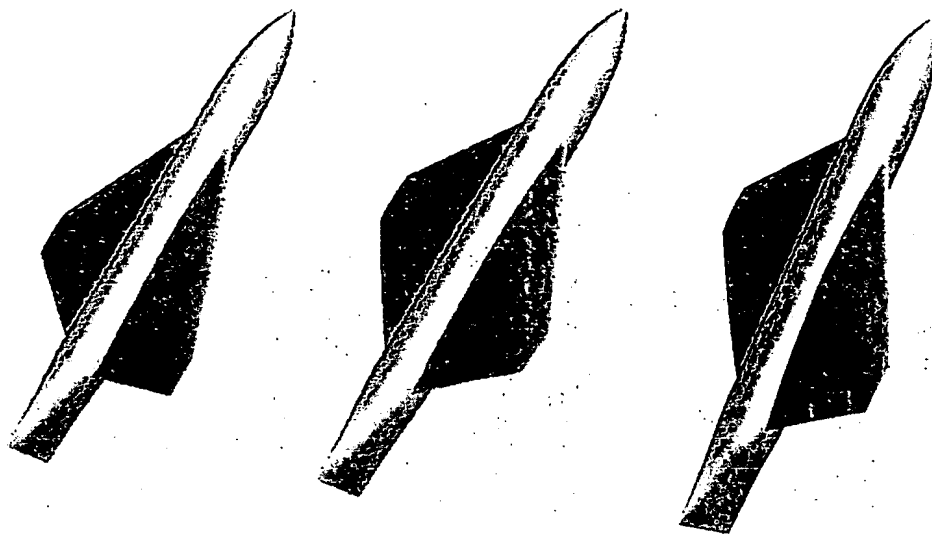
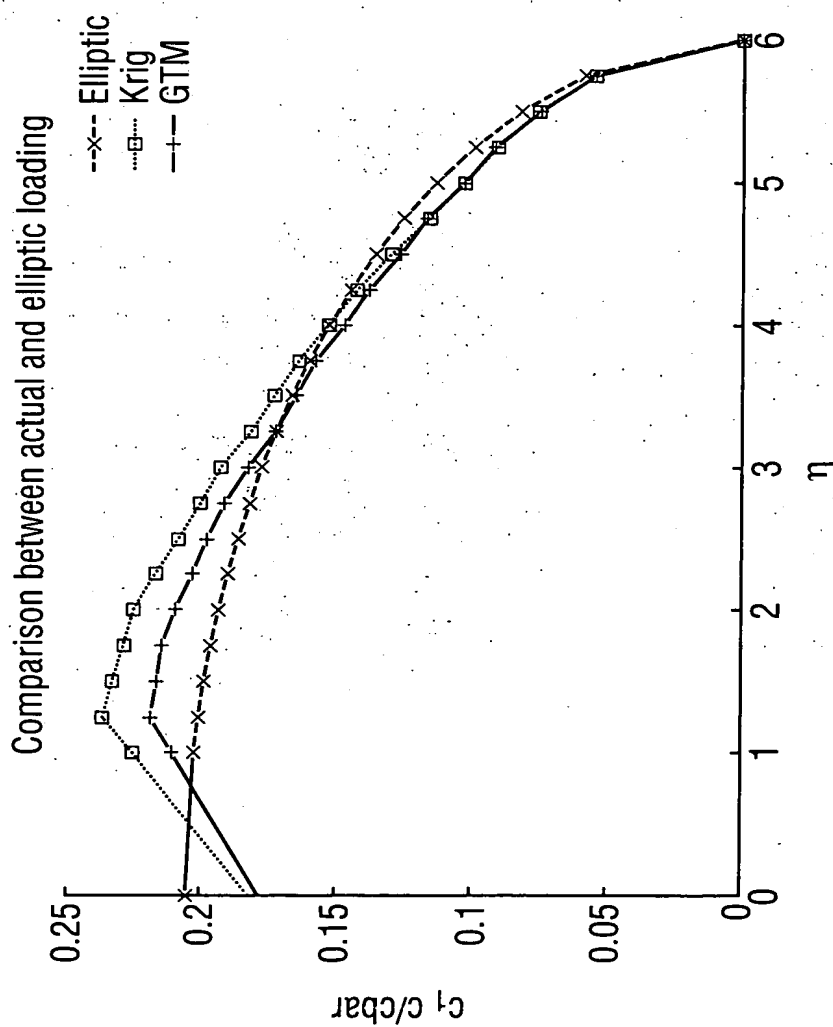


Fig.14.



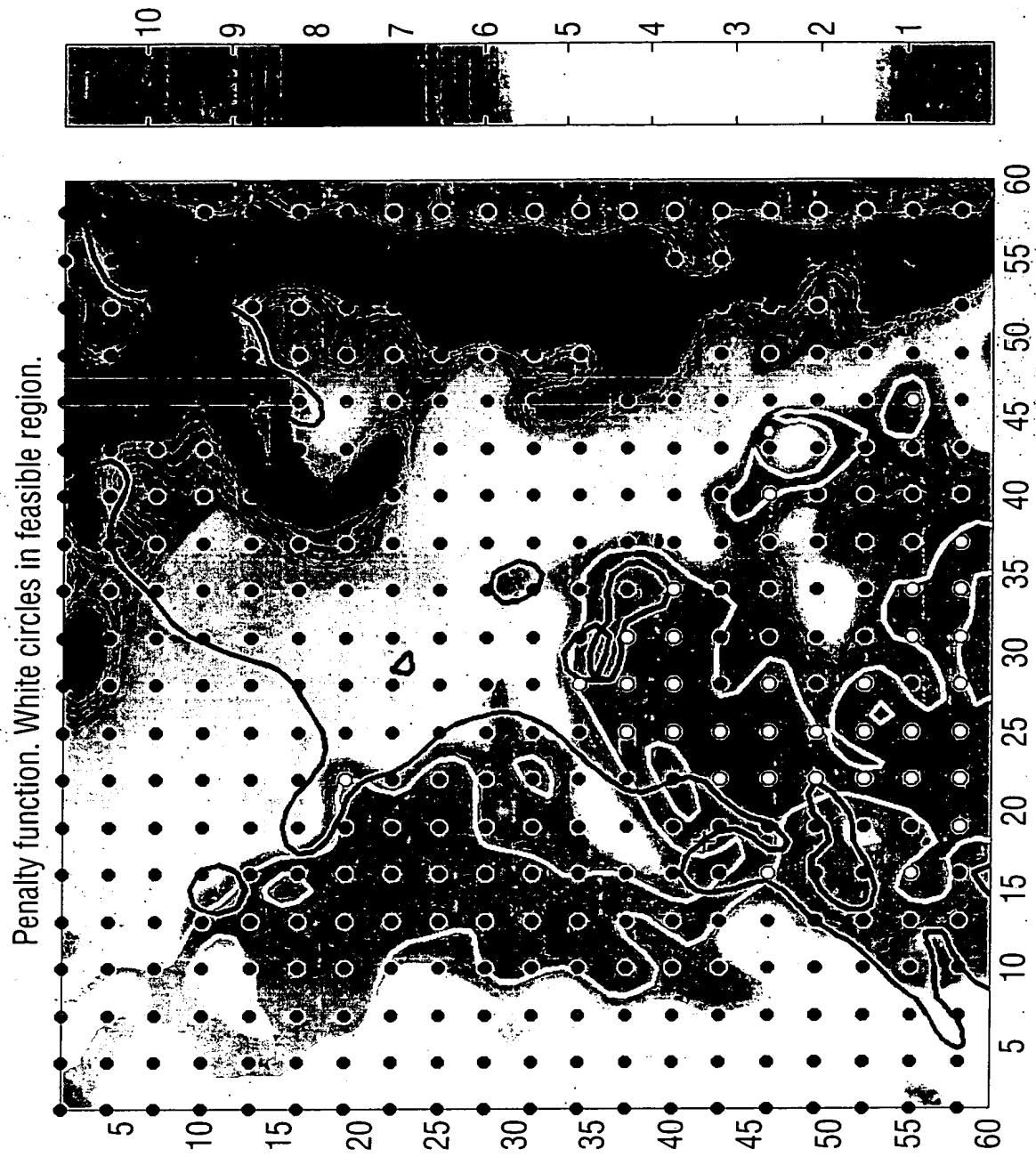


Fig.15.

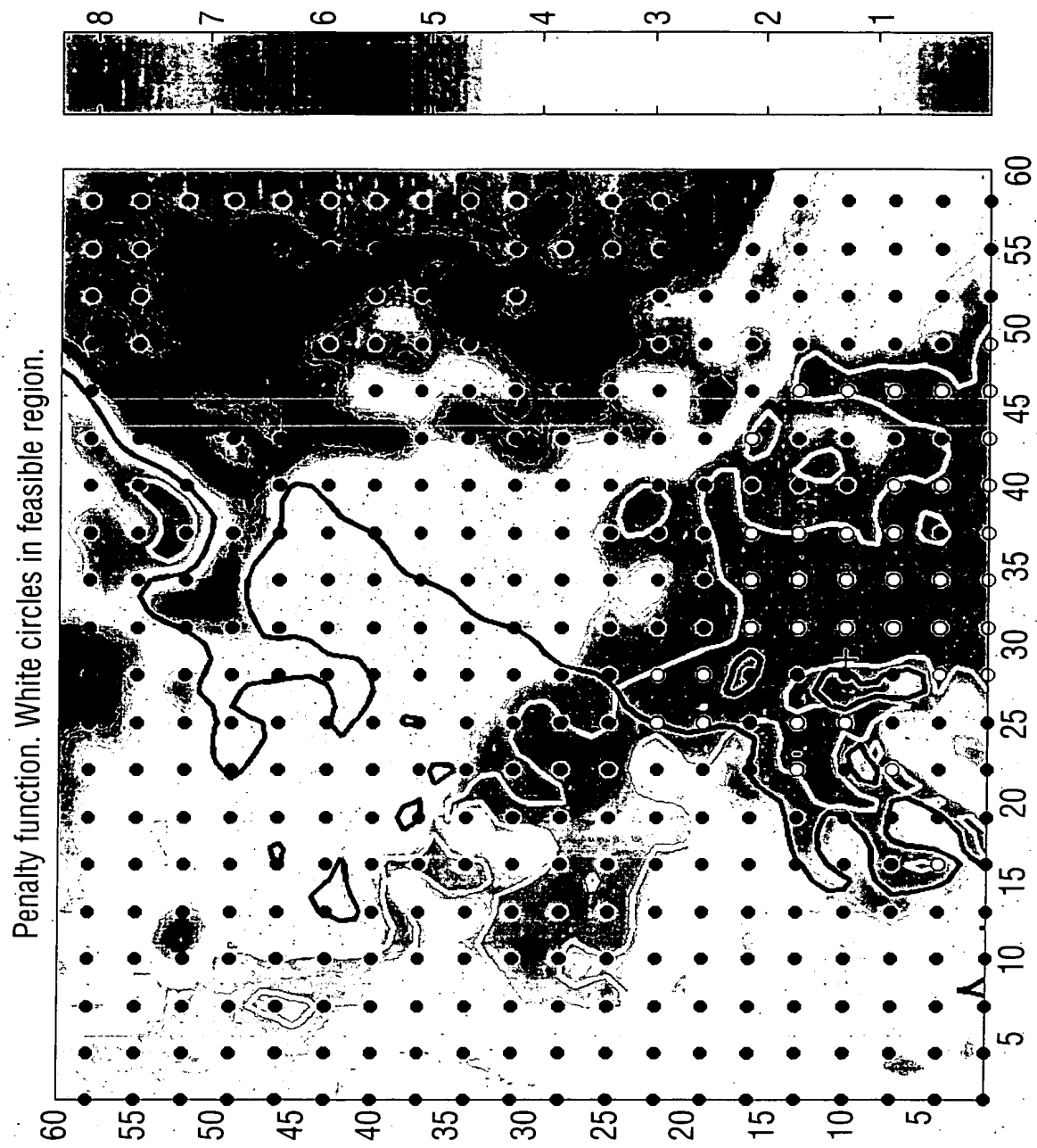
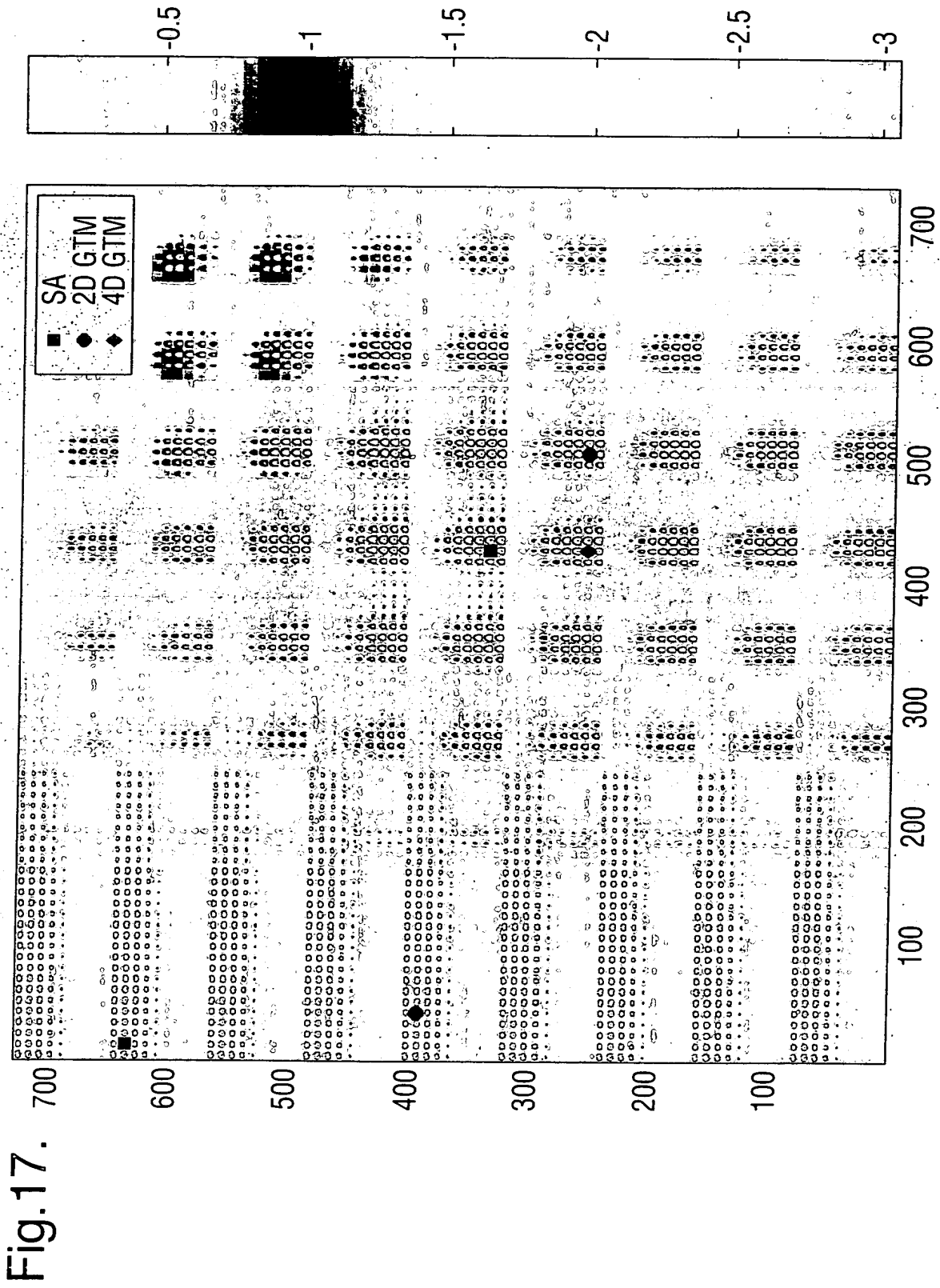
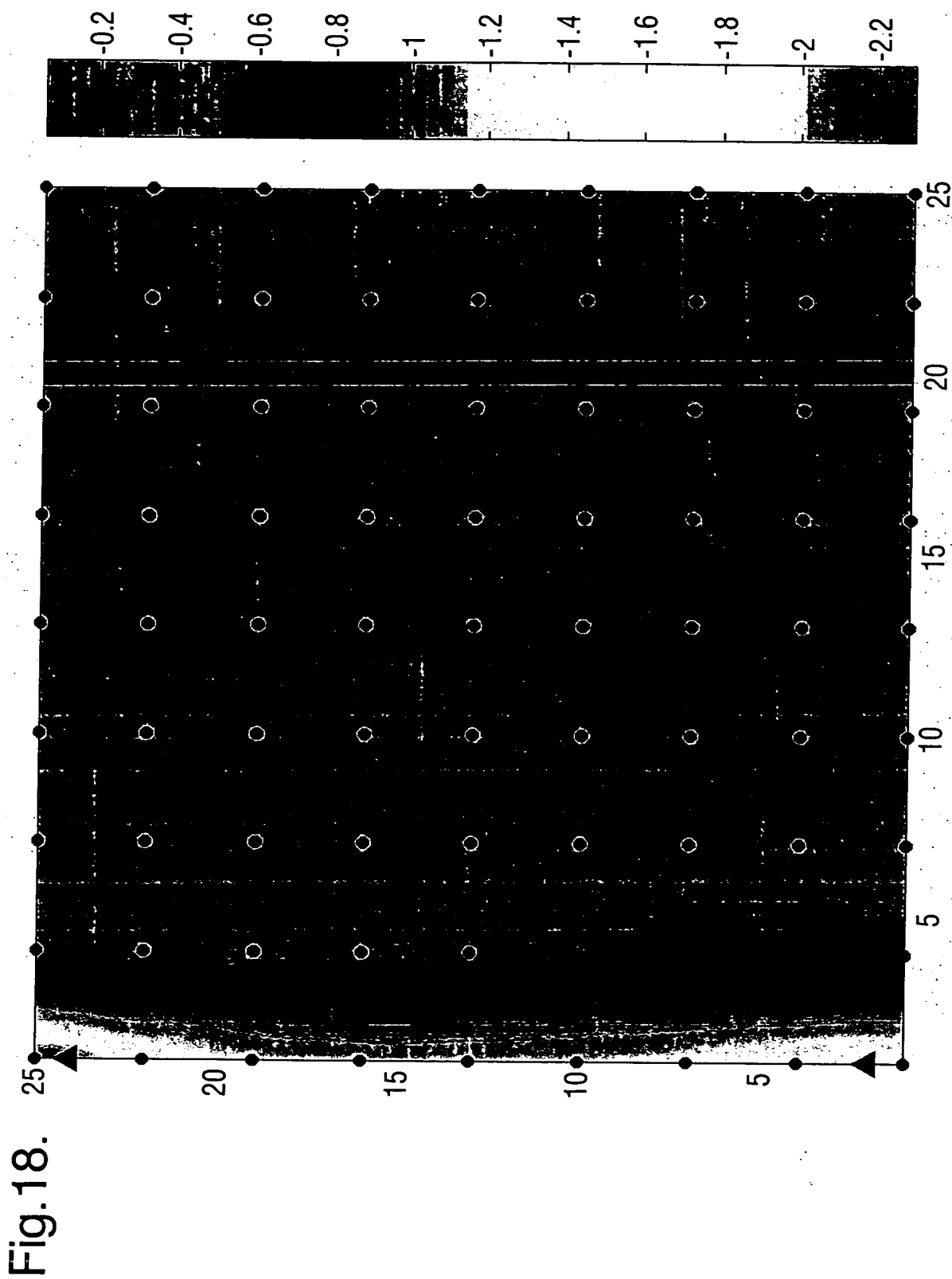
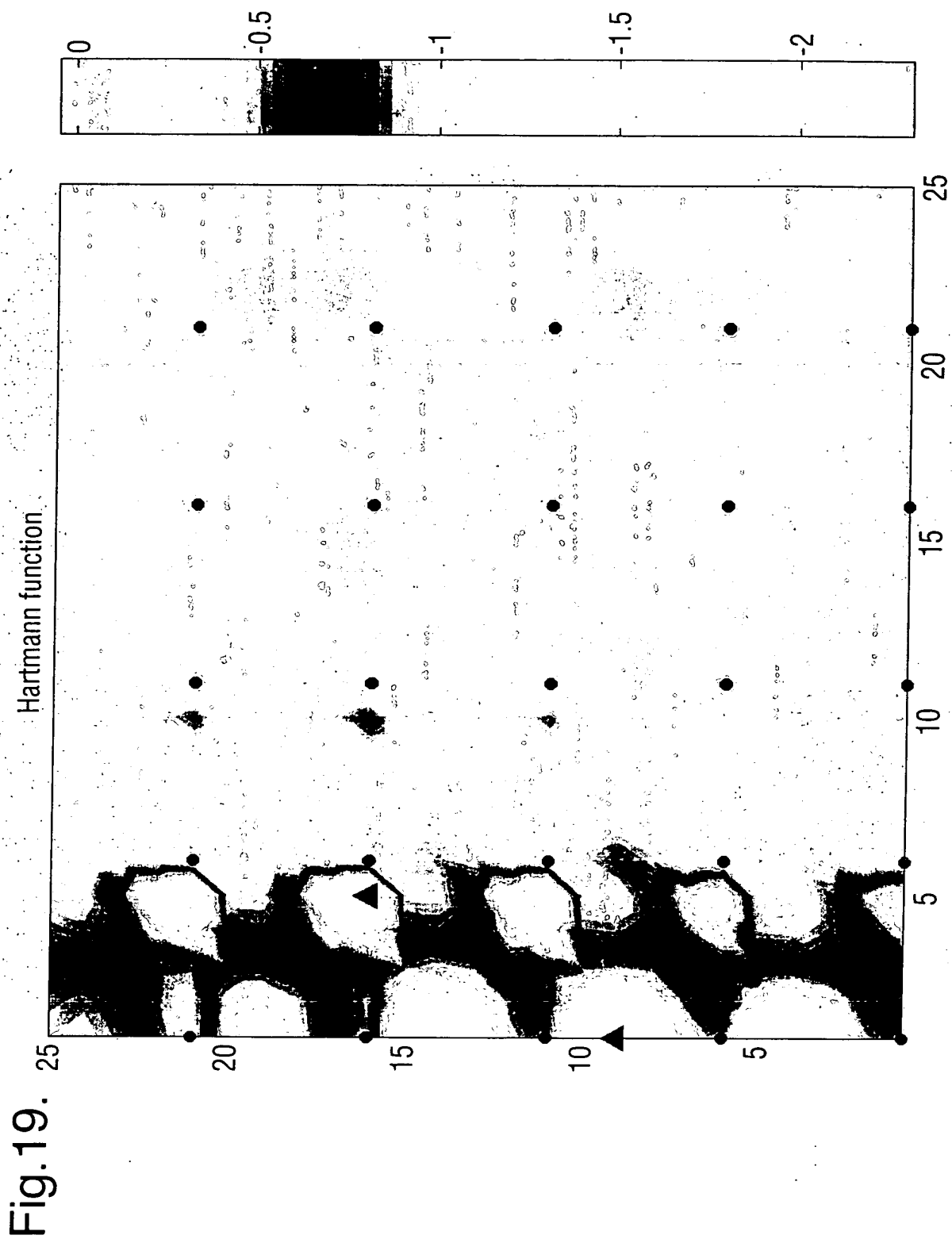


Fig.16.

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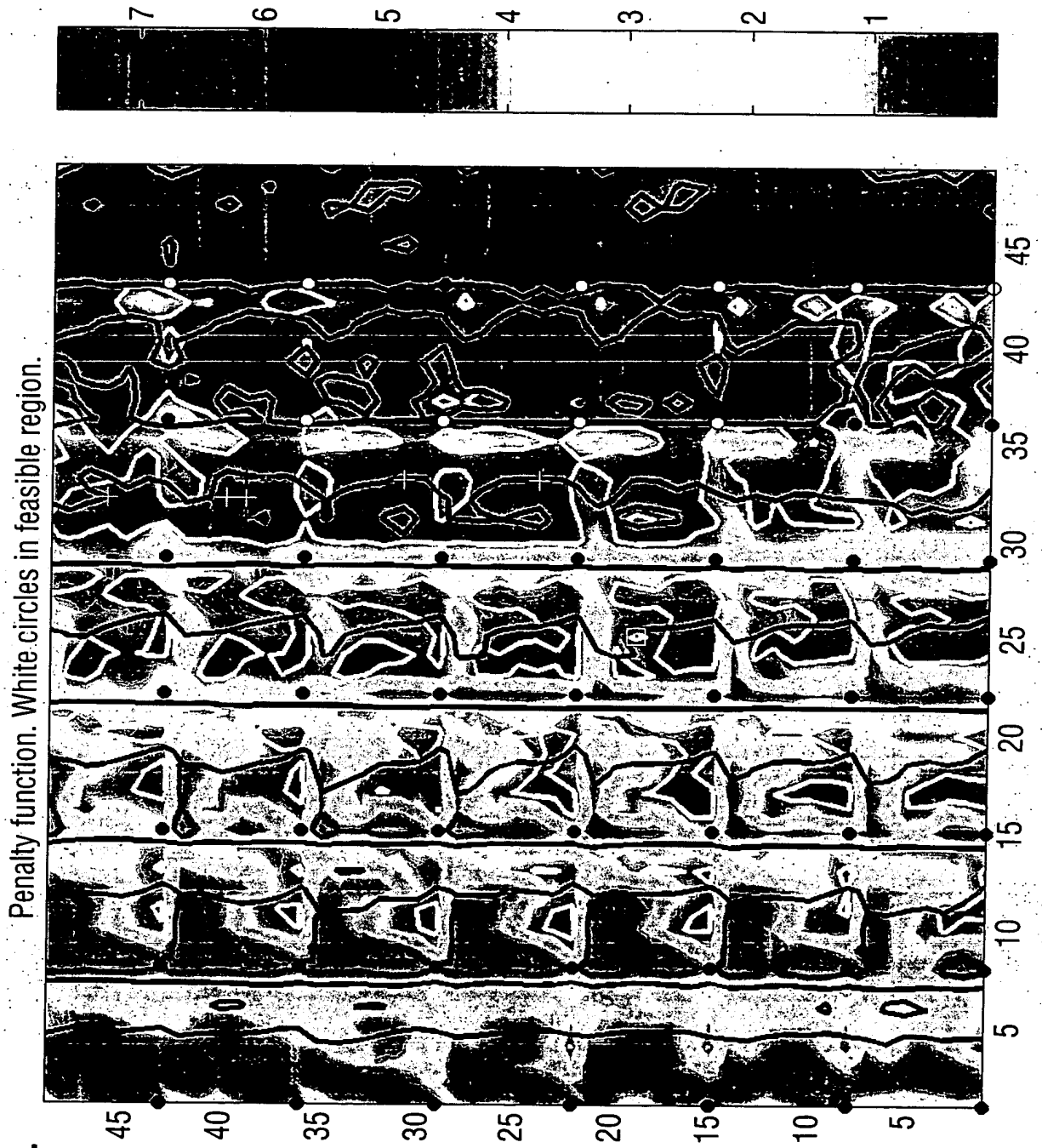


Fig.20.

Fig.21.

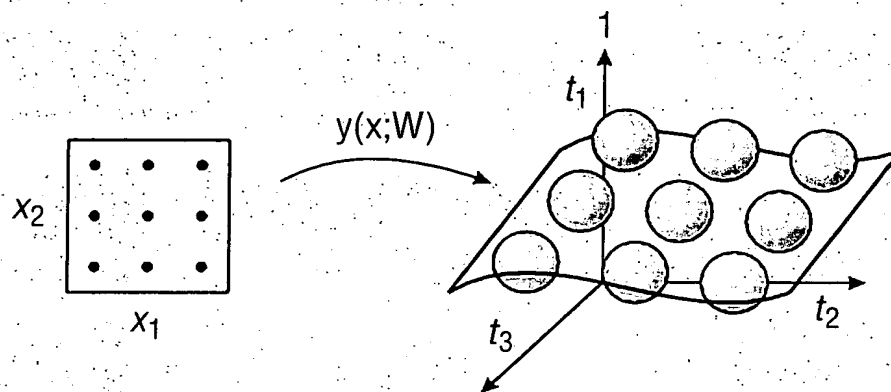


TABLE 1

Method	x_1	x_2	x_3	x_4	x_5	c_1	C_L	C_D
Simulated annealing on response surfaces	3.583	5.1936	1.1835	0.0156	10.2366	1.0000	0.1993	68.07e-04
Additional CFD evaluation	3.583	5.1936	1.1835	0.0156	10.2366	1.0004	0.2035	86.31e-04

TABLE 2

Method	x_1	x_2	x_3	x_4	x_5	trim	C_L	C_D
5D GTM	2.7877	4.0083	0.5342	0.0506	10.1614	0.9803	0.1966	0.0064
Additional CFD evaluation	2.7877	4.0083	0.5342	0.0506	10.1614	0.9920	0.1934	0.0054

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